

SAGE 2003 TENTATIVE SCHEDULE

JUNE

15 Sun	REU Students Arrive and Check-In at the College of Santa Fe.	
16 Mon	10:00 AM	Introduction to SAGE (GRJ and WSB)
	PM Lectures:	Lecture: Applications of Geophys. to Geol. Problems (SB) Introduction to Gravity, Electromagnetics (EM), and Seismics (SB, GRJ, LWB)
17 Tues	8:00 - 9:00 AM	Introduction to Seismic Methods (LWB, JF)
	9:30 AM - 5:00 PM	Introductory Geologic Field Trip (WSB)
18 Wed	AM Lectures:	Introduction to Digital Acquisition and Filtering (GRJ)
	PM Lectures:	Introduction to Digital Acquisition and Filtering (JF, LWB)
	NonREU students arrive and check-in at College of Santa Fe	
19 Thu	9:00 - 10:30 AM	Welcome (Gary Geernaert, Director, LANL-IGPP) Introduction to SAGE and Safety (GRJ, WSB) History of SAGE (SB)
	10:30- 12:00 AM	Introduction to Archeological Site (John Isaacson, LANL)
	12:00 - 1: 00 PM	Lunch
	1:00 - 4:00 PM	Geology and Tectonics of the Rio Grande Rift (WSB, JF)
20 Fri	9:00 - 12:00 AM	Lectures: Seismic Refraction (JF, LWB)
	12:00 - 1:00 PM	Lunch
	1:00 - 4:00 PM	Lectures: Ground Penetrating Radar (GPR) and Induction EM (GRJ); Magnetism and Gravity (SB)
21 Sat	One-Half Students Attend Lectures: AM Gravity (SB) PM Seismic Reflection (LWB) One-Half Students do Field Work: Archeological Geophysics (Seismic, Magnetic, GPR, EM) (Evening Lecture (Visitor) - Environmental Geophys.)	
22 Sun	One-Half Students Attend Lectures: AM Gravity (SB) PM Seismic Reflection (LWB) One-Half Students do Field Work: Archeological Geophysics (Seismic, Magnetic, GPR, EM) (Evening Lecture (Visitor) – Ground Penetrating Radar)	

23 Mon	Lectures: AM - Magnetotellurics, MT; Transient EM, TEM (GRJ) PM - Experimental Design (LWB, Staff); GPS (JF) (Evening Lecture - Exxon-Mobil - Pet. Geophys.)
24 Tue	Field Trip to Espanola Basin and Jemez Volcanic Field (WSB)
25 Wed	AM Lectures: Geophysical Inversion (JF); Geodynamics of the Rio Grande rift (MR) PM Lectures: (Visitors)
26 Thu	R & R
27 Fri	Field Work - Seismics, Gravity, Magnetics, GPS, MT, TEM, Geology
28 Sat	Continue Field Work (Evening Lecture - ChevronTexaco - Petro. Geophys.)
29 Sun	Continue Field Work
30 Mon	Continue Field Work /3-D Seis.-Migration Lect. (Evening Lecture (Visitor) – MT and IP in Mineral Exploration)
JULY	
1 Tue	Continue Field Work/ 3-D Seis.-Migration Lect. (Evening Lecture (Visitor) – Mining Geophys.)
2 Wed	Continue Field Work
3 Thu	Field Trip to Western Rift Boundary - Abiquiu Area (WSB)
4 Fri	R & R
5 Sat	Preparation of Oral and Written Reports
6 Sun	Preparation of Oral and Written Reports
7 Mon	Preparation of Oral and Written Reports
8 Tues	Preparation of Oral and Written Reports
9 Wed	Presentation of Oral Reports
10 Thu	Presentation of Oral Reports; Departure of NonREU Students Written Reports Due from NonREU Students

11 Fri Written Reports Due from REU Students; Departure of REU Students After 2:00 PM

Faculty

W. Scott Baldrige (WSB) - Los Alamos National Laboratory (Co-Director)

Shawn Biehler (SB) - University of California, Riverside

Lawrence W. Braile (LWB) - Purdue University

John Ferguson (JF) - University of Texas, Dallas

Bernard Gilpin (BG) - Golden West College

George R. Jiracek (GRJ) - San Diego State University (Co-Director)

Adjunct Faculty

David Alumbaugh (DA) – University of Wisconsin, Madison

Teaching Assistants

TBA

Adjunct Scientists

A. Peter Annan - Sensors & Software

Matthew Mikulich - Chevron Corporation (Retired)

Louise Pellerin – University of Utah, Energy and Geoscience Institute

Hans Rasmussen - Kennecott Exploration Company